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PATENT  
Attorney Docket No.: 018563-002920US  
Client Reference No.: AT-00084.2

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On June 8, 2005

WNSSEND and TOWNSEND and CREW LLP

By:

*JoAnn Evangelista*  
JoAnn Evangelista

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

PAVLOVSKAIA, ELENA et al.

Application No.: 10/633,015

Filed: July 31, 2003

For: SYSTEMS AND METHODS FOR  
REMOVING GINGIVA FROM  
COMPUTER TOOTH MODELS

Customer No.: 46718

Confirmation No. 4730

Examiner: MANAHAN, TODD E

Art Unit: 3732

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT UNDER  
37 CFR §1.97 and §1.98**

Commissioner for Patents  
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Alexandria, VA 22313-1450

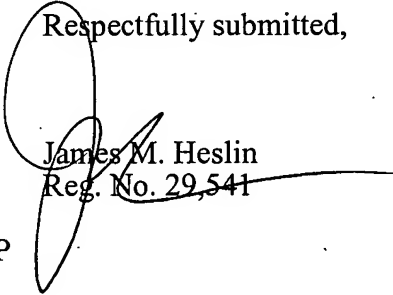
Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 10/087,153, filed February 28, 2002 (Attorney Docket No. 018563-002910US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

  
James M. Heslin  
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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/633,015	
			Filing Date	July 31, 2003	
			First Named Inventor	PAVLOVSKAIA, ELENA	
			Art Unit	Unassigned	
			Examiner Name	Unassigned	
Sheet	1	of	9	Attorney Docket Number	018563-002920US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
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	3	EP	0376873	A2	07-04-1990	Shafir		<input type="checkbox"/>
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	7	EP	0774933	B1	05-28-1997	Oden et al.		<input type="checkbox"/>
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	9	FR	2369828	A1	06-02-1978	Suyehiro		<input checked="" type="checkbox"/>
	10	WO	90/08512	A1	08-09-1990	Dolphin Imaging Systems		<input type="checkbox"/>
	11	WO	91/04713	A1	04-18-1991	Jourda et al.		<input type="checkbox"/>
	12	WO	94/10935	A1	05-26-1994	Ormco Corporation		<input type="checkbox"/>
	13	WO	98/44865	A1	10-15-1998	Nobel Biocare		<input type="checkbox"/>
	14	WO	98/58596	A1	12-30-1998	Align Technology		<input type="checkbox"/>

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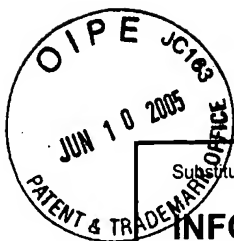
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	28	BHATIA et al., "A Computer-Aided Design for Orthognathic Surgery," British Journal of Oral and Maxillofacial Surgery, Vol. 22 (1984), pp. 237-253.	

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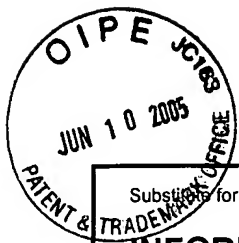
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		First Named Inventor	PAVLOVSKAIA, ELENA		
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	41	CRAWFORD, "CAD/CAM in the Dental Office: Does It Work?" <i>Canadian Dental Journal</i> , Vol. 57, No. 2 (Feb. 1991), pp. 121-123.	
	42	CROOKS, "CAD/CAM Comes to USC," <i>USC Dentistry</i> , (Spring 1990) pp. 14-17.	

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	43	CURETON, "Correcting Malaligned Mandibular Incisors With Removable Retainers" <i>J. Clin. Orthod.</i> , 30:390-395, 1996.	
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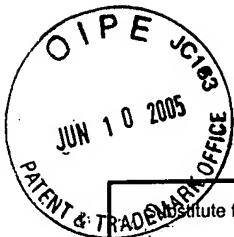
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	59	GIM-ALLDENT Deutschland, "Das DUX System: Die Technik" 2 pages total.	
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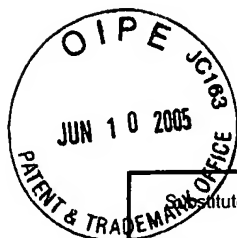
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	75	KURODA et al., "Three-dimensional dental cast analyzing system using laser scanning" <i>Am. J. Orthod. Dentofac. Orthop.</i> , 110:365-369, 1996.	
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	83	MÖRMANN et al., "Marginal Adaptation von adhasiven Porzellaninlays in vitro," <i>Schwizerische Monatsschrift für Zahnmedizin</i> , Vol. 85 (1985), p. 1118-1129.	
	84	NAHOUM, "The Vacuum Formed Dental Contour Appliance" <i>The New York State Dental Journal</i> , 30(9):385-390, Nov. 1964.	
	85	NASH, "CEREC CAD/CAM Inlays: Aesthetics and Durability in a Single Appointment," <i>Dentistry Today</i> , (October 1990), pp. 20, 22-23, 54.	
	86	NISHIYAMA et al., "A New Construction Of Tooth Repositioner By LTV Vinyl Silicone Rubber" <i>J. Nihon University School of Dentistry</i> , 19(2):93-102, 1977.	
	87	PINKHAM, "'Foolish' Concept Propels Technology," <i>Dentist</i> , Jan./Feb. 1989, 3 pages total.	
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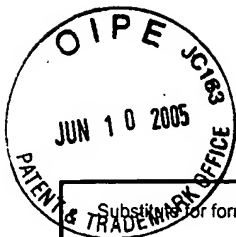
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/633,015		
		Filing Date	July 31, 2003		
		First Named Inventor	PAVLOVSKAIA, ELENA		
		Art Unit	Unassigned		
		Examiner Name	Unassigned		
Sheet	7	of	9	Attorney Docket Number	018563-002920US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	90	Procera Research Projects, <i>PROCERA Research Projects 1993 — Abstract Collection</i> , 1993, pp. 3-24.	
	91	REKOW, "A Review of the Developments in Dental CAD/CAM Systems," (contains references to Japanese efforts and content of the papers of particular interest to the clinician are indicated with a one-line summary of their content in the bibliography), <i>Dental Clinics: Prosthodontics and Endodontics</i> , pp.25-33, 1992.	
	92	REKOW, "CAD/CAM in Dentistry: A Historical Perspective and View of the Future," <i>Journal</i> , Vol. 58 No. 4, (April 1992), pp. 283, 287-288.	
	93	REKOW, "Computer-Aided Design and Manufacturing in Dentistry: A Review of the State of the Art," <i>The Journal of Prosthetic Dentistry</i> , Vol. 58, No. 4 (Oct. 1987), pp. 512-516.	
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	95	REKOW, "Feasibility of an Automated System for Production of "Dental Restorations," PhD Thesis, Univ. of Minnesota, Nov. 1988, 244 pages total.	
	96	RICHMOND et al., Research Reports, "The Development of a 3D Cast Analysis System," <i>British Journal of Orthodontics</i> , Vol. 13, No. 1, (January 1986) pp. 53-54.	
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	100	SHELLHAS et al., "Three-Dimensional Computed Tomography in Maxillofacial Surgical Planning," <i>Arch Otolaryngol Head Neck Surg.</i> Vol. 114 (April 1988), pp. 438-442.	
	101	SHILLIDAY, "Minimizing finishing problems with the mini-positioner" <i>Am. J. Orthod.</i> 59:596-599, 1971	
	102	Siemens, "CEREC - Computer-Reconstruction," "High Tech in der Zahnmedizin, 14 page total.	
	103	Sirona Dental Systems GmbH, CEREC 3D, Manuel utilisateur, Version 2.0X (in French), 2003, 114 pages total.	
	104	STOLL et al., "Computer-aided Technologies in Dentistry" (Article Summary in English, article in German), <i>Dtsch Zahnärztl Z</i> 45, 314-322, 1990.	

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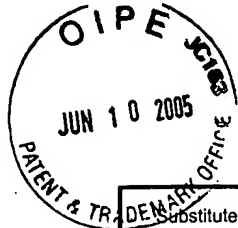
Substitution for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>Complete if Known</b>	
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	105	U.S. Department of Commerce, National Technical Information Service, "Automated Crown Replication Using Solid Photography SM," Solid Photography Inc. Melville NY, October 1977, 20 pages total.	
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	110	VAN DER ZEL, "Ceramic-fused-to-metal Restorations with a New CAD/CAM System," <i>Quintessence International</i> , vol. 24(11) (1993), pp. 769-778.	
	111	VÁRADY et al., "Reverse engineering of geometric models---an introduction. Computer-Aided Design, 29 (4):255--268, 1997.	
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	113	WARUNEK et al., "Physical And Mechanical Properties of Elastomers In Orthodontic Positioners" <i>Am. J. Orthod. Dentofac. Orthop.</i> , 95:388-400, 1989.	
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	115	WILLIAMS, "Dentistry and CAD/CAM: Another French Revolution," <i>Journal of Dental Practice Admin.</i> , Jan./March 1987, pp. 2-5.	
	116	WILLIAMS, "The Switzerland and Minnesota Developments in CAD/CAM," <i>Journal of Dental Practice Admin.</i> , pp. 50-55, April/June 1987.	
	117	WISHAN, "New Advances in Personal Computer Applications for Cephalometric Analysis, Growth Prediction, Surgical Treatment Planning and Imaging Processing," Symposium: Computerized Facial Imaging in Oral and Maxillofacial Surgery Presented on September 13, 1990, AAOMS 72nd Annual Meeting and Scientific Sessions, Sept. 13, 1990, New Orleans, <i>Journal of Oral and Maxillofacial Surgery</i> , Vol. 48, no. 8, Supp. 1, August 1990, p. 5.	
	118	YAMAMOTO et al., "Three-Dimensional Measurement of Dental Cast Profiles and Its Applications to Orthodontics," Annual Int'l Conf. of IEEE Engineering in Medicine and Biology Society, Vol. 12, No. 5, pp. 2051-2053, 1990	

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